AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method for a local computer system to control a remote system over the Internet, comprising the steps of:

initiating a log-in procedure by the local computer system;

verifying whether a user is authorized to access the remote system by accessing a server that is remote from the local computer system;

accepting a command from an authorized user by the local computer system;

executing the command through File Transfer Protocol to perform a function on the remote system;

issuing the command through the web browser on the local computer system;

transmitting the command over the Internet as Hypertext Transfer Protocol without File Transfer Protocol components;

processing the Hypertext Transfer Protocol command into a File Transfer Protocol command without de-encapsulation using the server that is remote from the local computer system; and

forwarding the file Transfer Protocol command to the remote system.

2. (canceled)

3. (previously presented) The method of Claim 1, wherein the File Transfer Protocol command includes one of the commands for file creation, directory creation,

file change, file removal, Unix file mode, user ownership change, group ownership change, and security permission.

4. (original) The method of Claim 1 further comprising the step of logging user commands for each session.

5. (original) The method of Claim 1 further comprising the step of issuing a single script from the local computer system to command the remote system and to upload data to the remote system.

6. (original) The method of Claim 5, wherein the data uploaded to the remote system is used to update or configure the software running on the remote system.

7. (original) The method of Claim 1 further comprising the step of issuing a single script from the local computer system to command the remote system and to download data from the remote system.

8. (original) The method of Claim 7, wherein the data downloaded from the remote system comprises a software program.

9. (original) The method of Claim I further comprising the step of issuing command-line interface calls from a web-based graphical user interface.

10. (original) The method of Claim 1, wherein multiple users on a plurality of client computers access the remote system through a single log in.

11. (original) The method of Claim 1, wherein the remote system is comprised of a server computer.

12. (original) The method of Claim 1, wherein the remote system is a router.

13. (original) The method of Claim 1 further comprising the step of managing plurality of remote systems from a single web-based control point.

14. (original) The method of Claim 1, further comprising the step of transmitting both commands and content through a same IP port of the remote system.

15. (previously presented) A server computer comprising:

an IP port which accepts FTP commands from a client computer

system;

a processor coupled to the processor which executes the FTP commands;

a first memory coupled to the processor which contains a file system; and

a first memory coupled to the processor for storing an operating system, wherein the

remote user issuing the FTP commands from the client computer can administer the file system,

and wherein further the FTP commands are derived from Hypertext Transfer Protocol commands that are transmitted over the Internet without File Transfer Protocol components.

16. (original) The server computer of Claim 15 further comprising an FTP server which accepts an HTTP command over the Internet, processes the HTTP command into a corresponding FTP command, and forwards the FTP command for execution by the processor.

17. (original) The server computer of Claim 15, wherein the FTP command includes one of the commands for file creation, directory creation, file change, file removal, Unix file mode, user ownership change, group ownership change, and security permission.

18. (original) The server computer of Claim 15 further comprises a third memory coupled to the processor for storing changes made during a session.

19. (original) The server computer of Claim 15, wherein the IEP port accepts a single FTP script from the client computer system which contains an instruction and which also contains content data uploaded to the server computer from the client computer system.

20. (original) The server computer of Claim 15, wherein the IEP port accepts a single FTP script from the client computer system which causes the server computer to download data from the server computer to the client computer system.

21. (original) The server computer of Claim 20, wherein the downloaded data is comprised of a computer program.

22. (original) The server computer of Claim 15, wherein the IP port accepts command-line interface calls from a web-based graphical user interface.

23. (original) The server computer of Claim 15, wherein multiple users on a plurality of client computers sharing a single log-in accesses the server computer through the IP port.

24. (original The server computer of Claim 15, wherein a plurality of remote systems are managed from a single web-based control point running on the server computer.

25. (currently amended) A computer-readable medium having stored thereon instructions for implementing a remote computer systems management through an FTP Internet connection, comprising the steps of:

initiating a log-in procedure by the local computer system;

verifying whether a user is authorized to access the remote system by accessing a server that is remote from the local computer system;

accepting a command from an authorized user by the local computer system;

executing the command through File Transfer Protocol to perform a function on the remote system;

issuing the command through the web browser on the local computer system; transmitting over the internet the command as Hypertext Transfer Protocol that is transmitted without File Transfer Protocol components;

processing the Hypertext Transfer Protocol command into a File Transfer Protocol

command without de-encapsulation <u>using a server that is remote from the local computer system</u>; and

forwarding the file Transfer Protocol command to the remote system.

26. (canceled)

27. (original) The computer-readable medium of Claim 25, wherein the File Transfer Protocol command includes one of the commands for file creation, directory creation, file change, file removal, Unix file mode, user ownership change, group ownership change, and security permission.

28. (original) The computer-readable medium of Claim 25 further storing instruction comprising the step of logging user commands for each session.

29. (original) The computer-readable medium of Claim 25 further storing instruction comprising the step of issuing a single script from the local computer system to command the remote system and to upload data to the remote system.

30. (original) The computer-readable medium of Claim 25 further storing instruction comprising the step of issuing command-line interface calls from a web-based graphical user interface.

31. (original) The computer-readable medium of Claim 25 further storing instruction comprising the step of managing a plurality of remote systems from a single web-based control point.

32. (original) The computer-readable medium of Claim 25 further storing instruction comprising the step of transmitting both commands and content through a same IP port of the remote system.